

## **FAST MOISTURE CURING AND UV-MOISTURE DUAL CURING COMPOSITIONS**

### **ABSTRACT**

**[0059]** The invention provides fast moisture and photo/moisture curing silicone compositions and methods for the preparation thereof. More particularly, the compositions provided are prepared from silanol and silane cappers; the cappers have an  $\alpha$ -carbon bonded to the silicon atom allowing for a favorable hypervalent silicon transition state when reacting the silane and silanol. This favorable transition state enables both a fast endcapping reaction and contributes to the fast moisture curing properties of the inventive compositions.